



Fig. 1

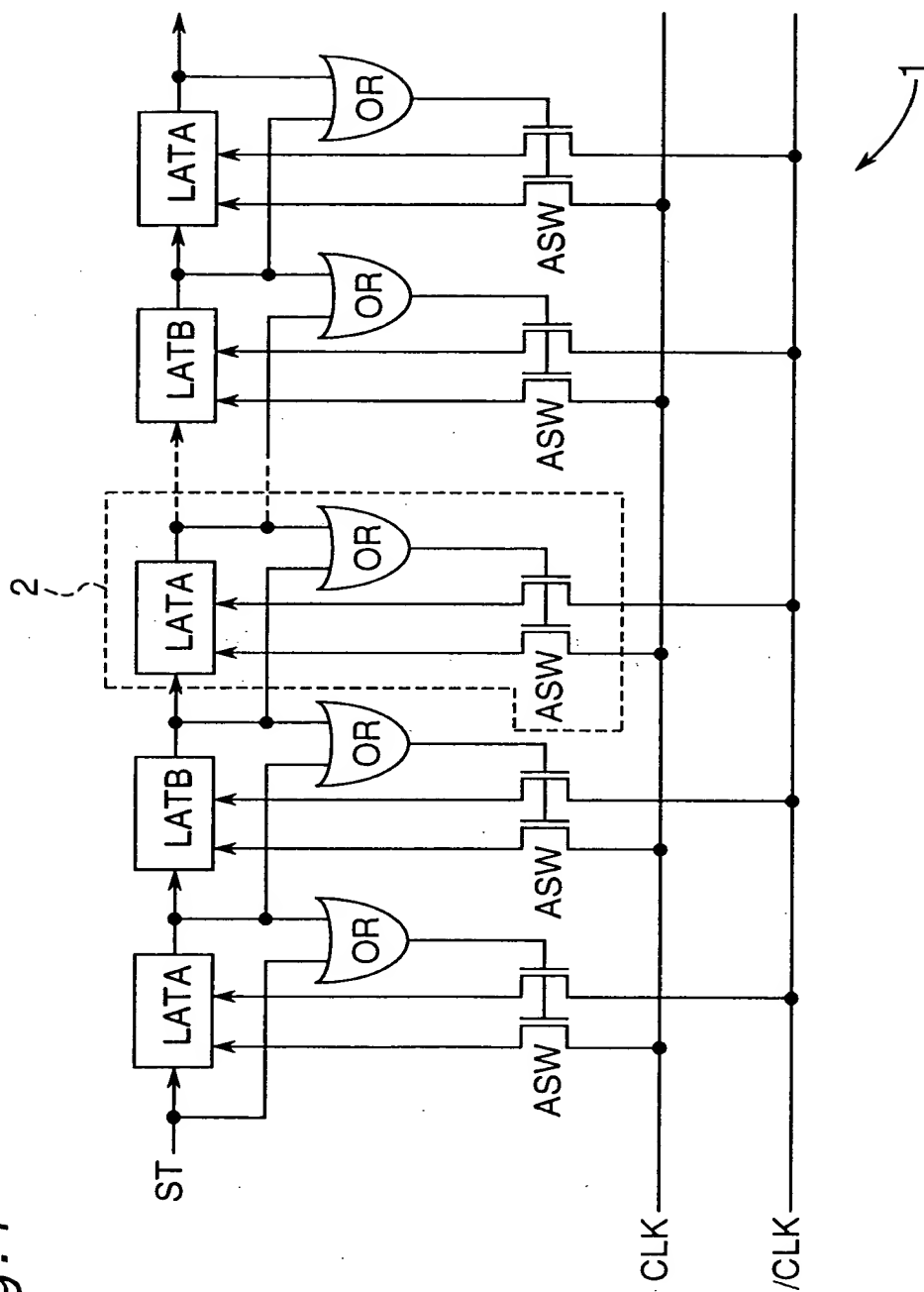




Fig.2A RELATED ART



Fig.2B RELATED ART



Fig.2C RELATED ART



Fig.3A RELATED ART



Fig.3B RELATED ART



Fig.3C RELATED ART



Fig. 4A



Fig. 4B

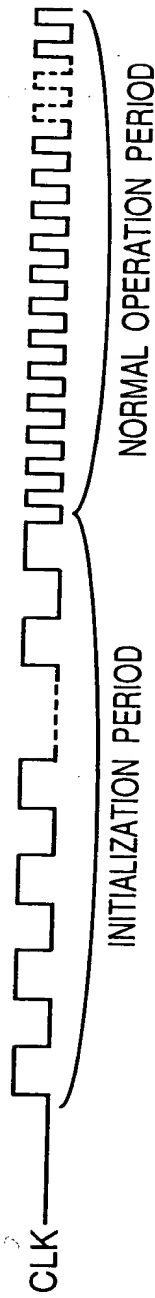


Fig. 5A



Fig. 5B



Fig. 5C



Fig. 5D

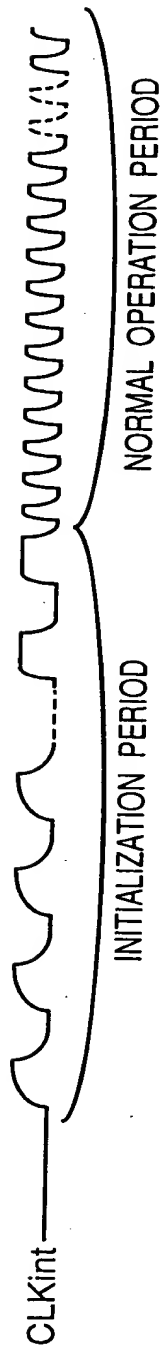




Fig. 6A

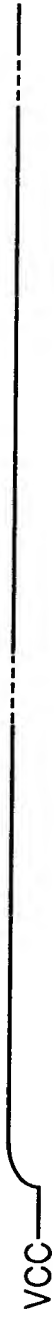


Fig. 6B

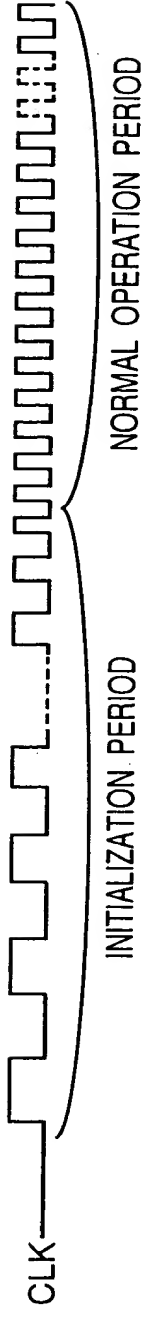


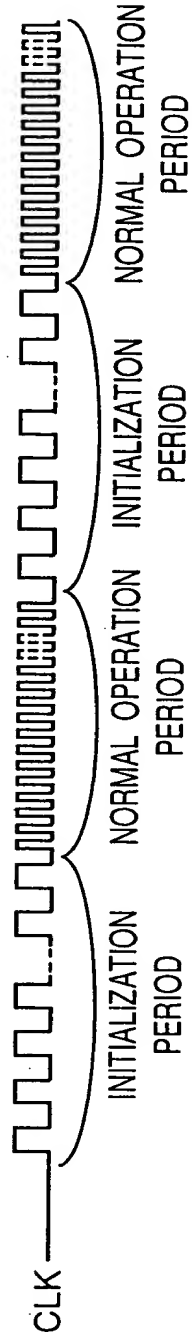
Fig. 7A



Fig. 7B

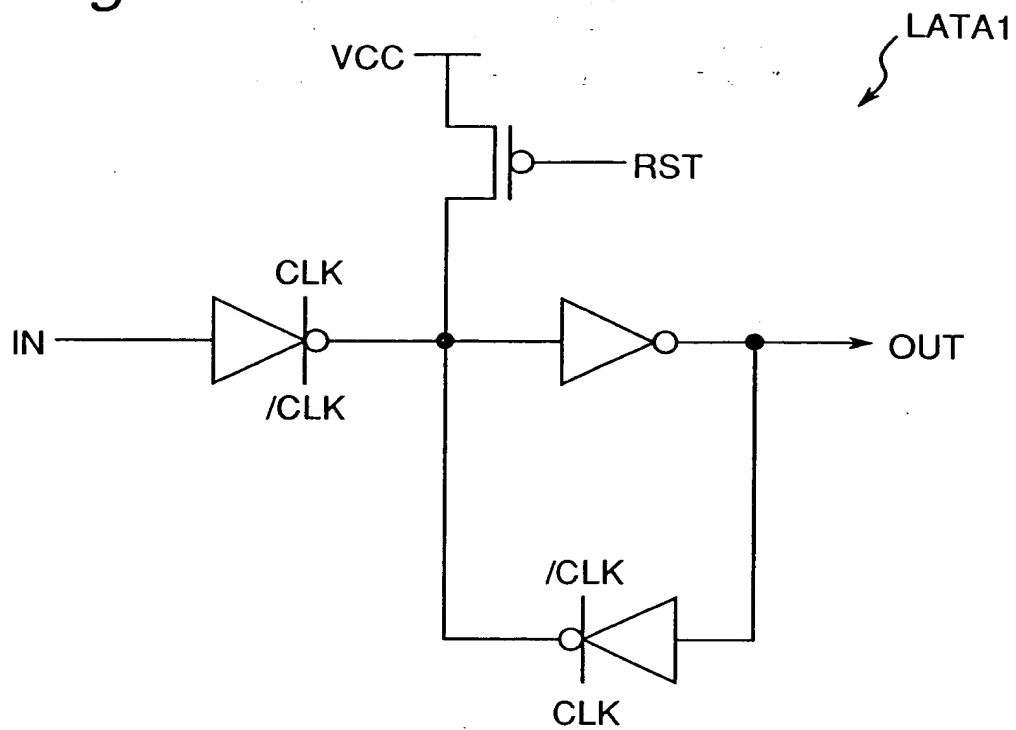


Fig. 7C





*Fig.8*



*Fig.9*

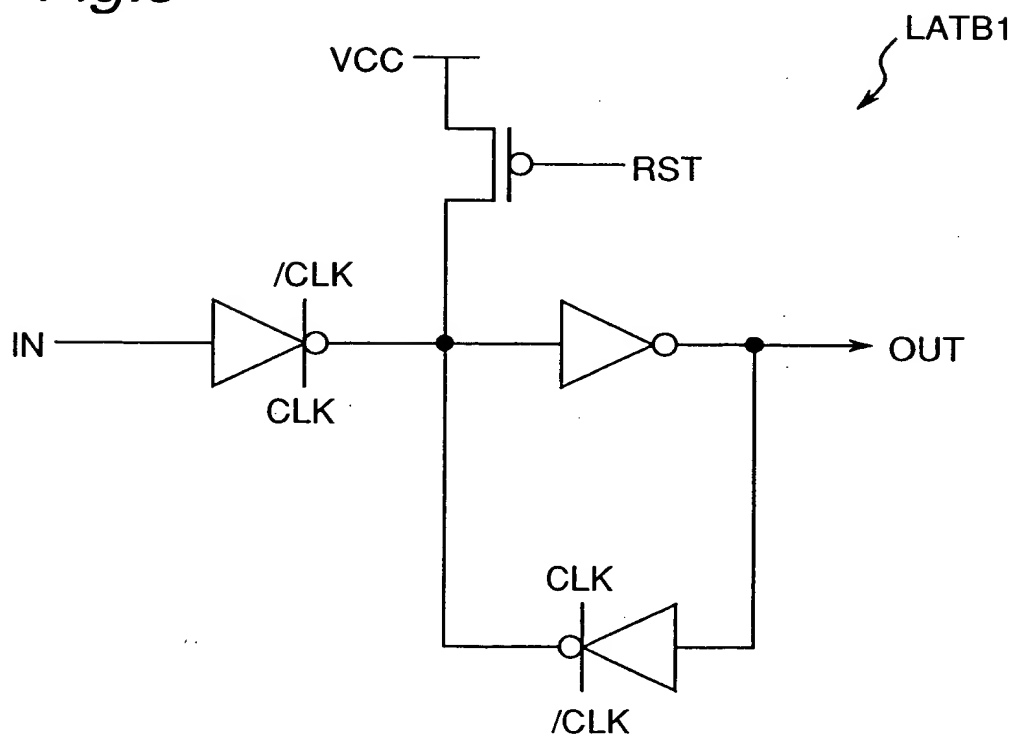




Fig. 10A VCC

Fig. 10B RST

Fig. 10C CLK

INITIALIZATION PERIOD

NORMAL OPERATION PERIOD

Fig. 11A PLS

Fig. 11B RST

Fig. 11C CLK

INITIALIZATION PERIOD

NORMAL OPERATION PERIOD

INITIALIZATION PERIOD

NORMAL OPERATION PERIOD





*Fig.13*

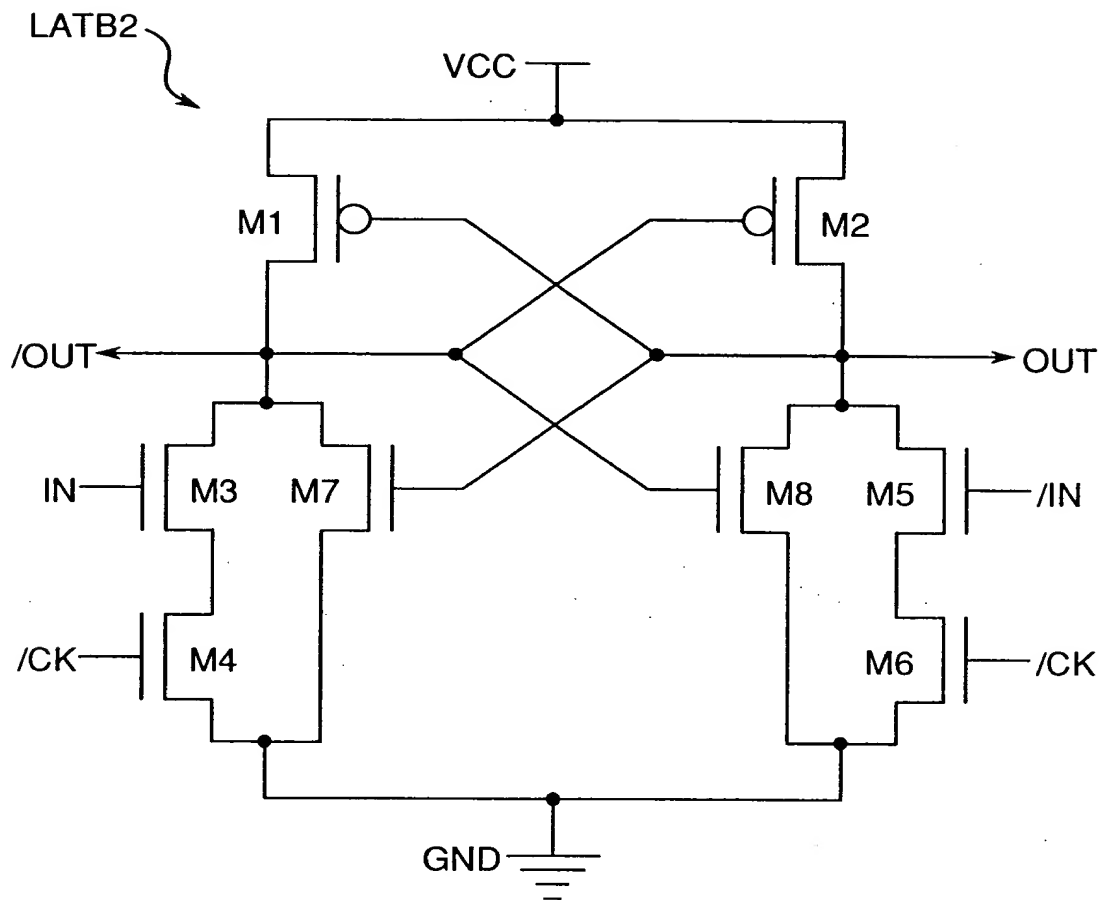




Fig. 14

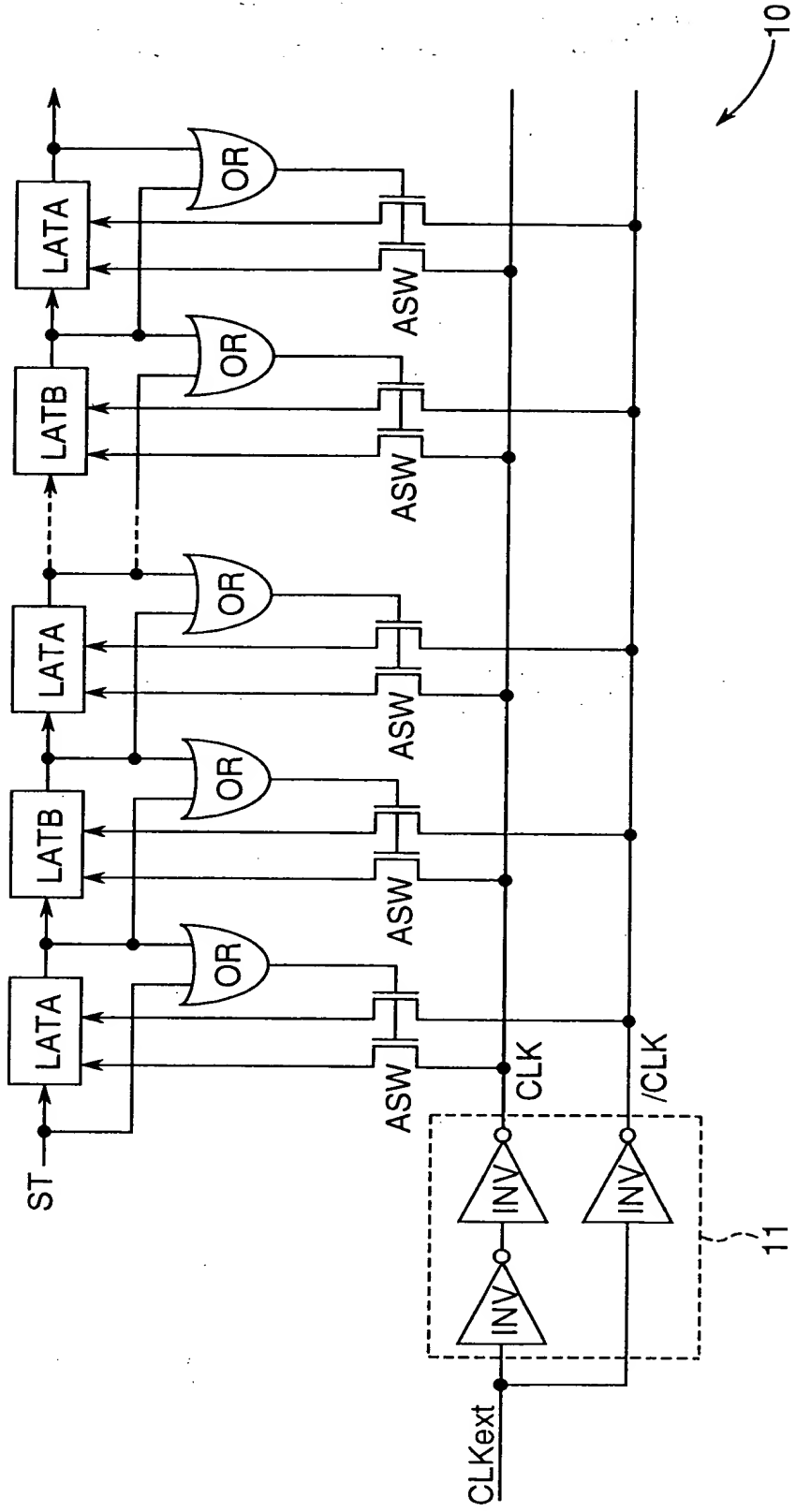






Fig. 16A

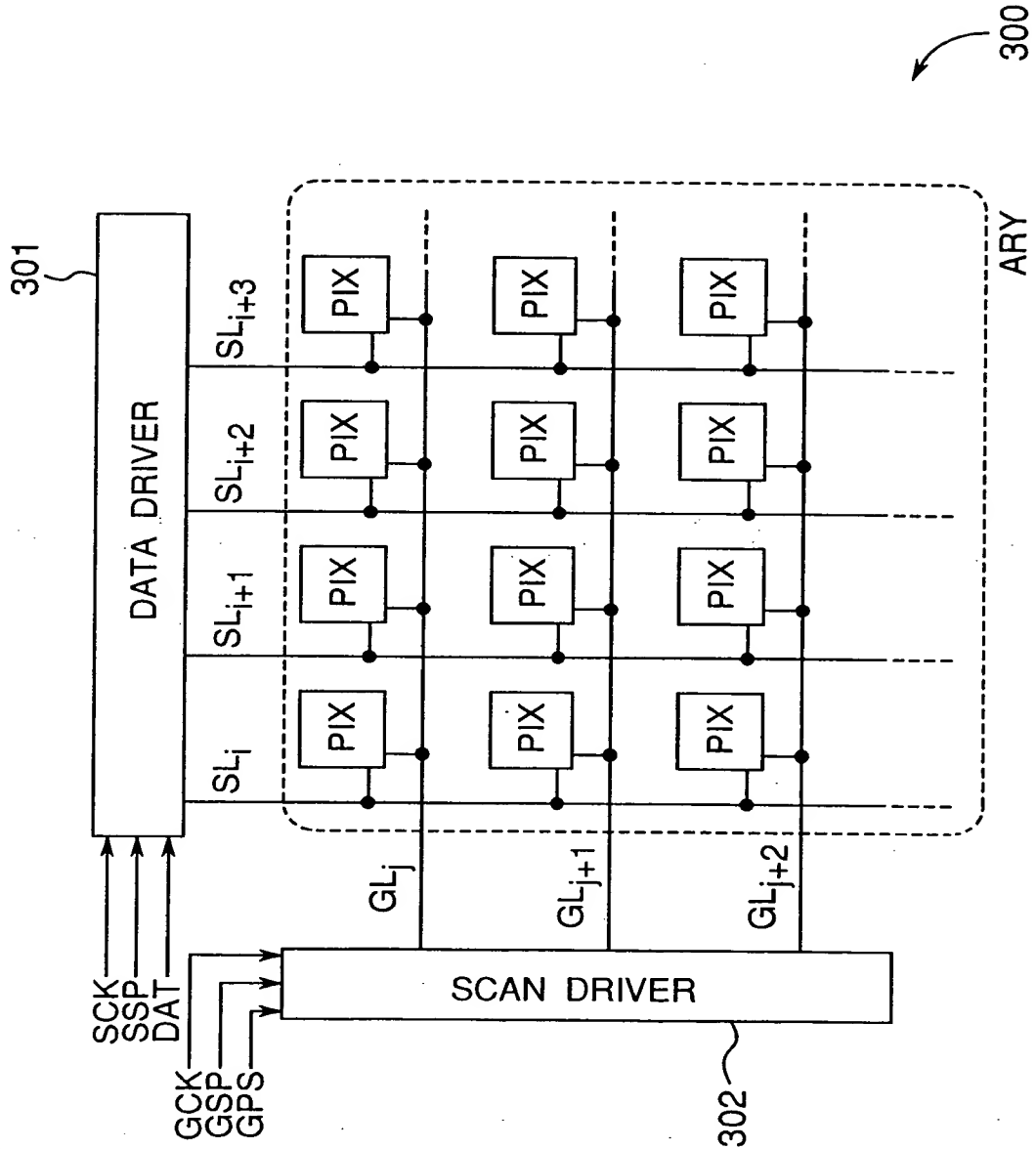
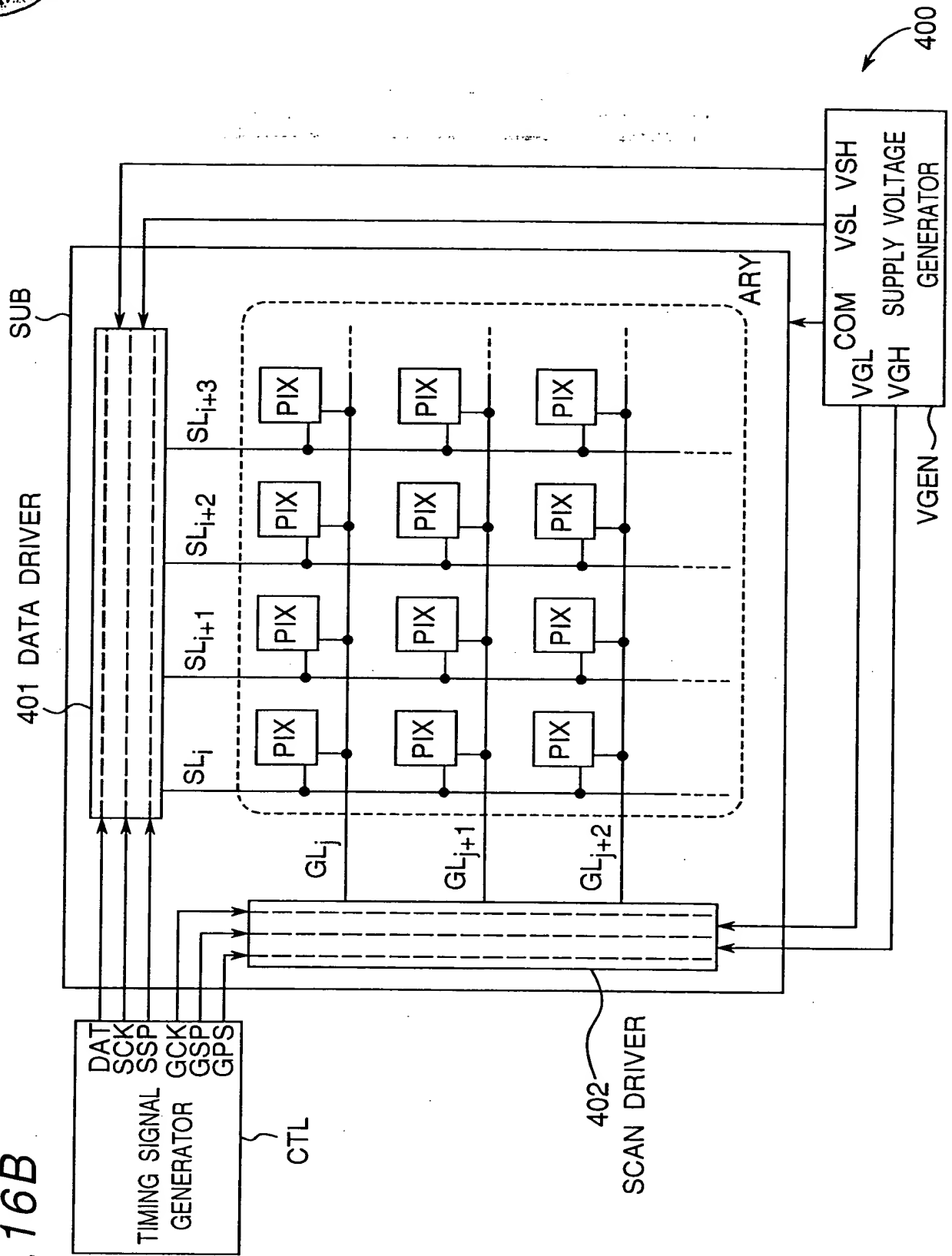


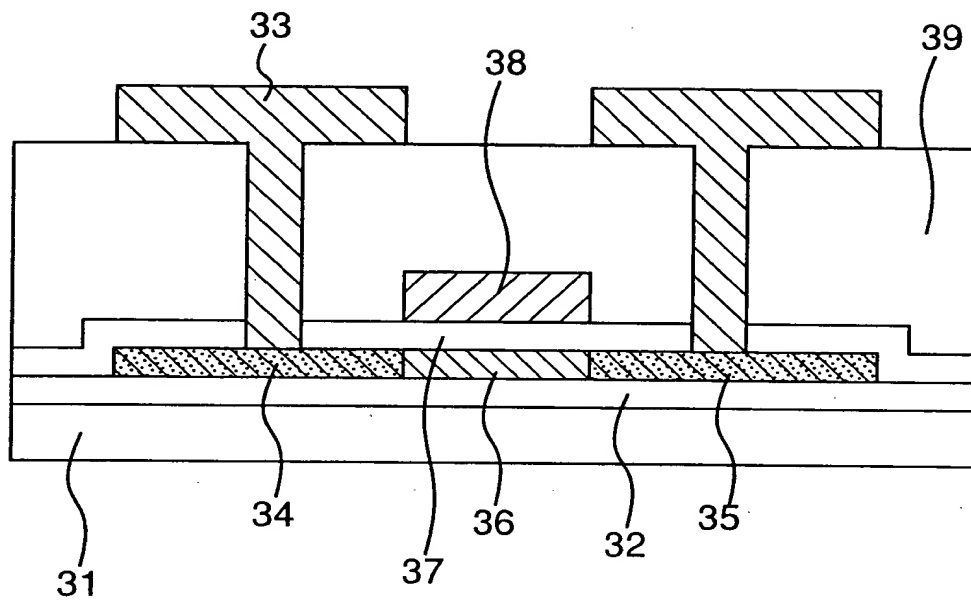


Fig. 16B



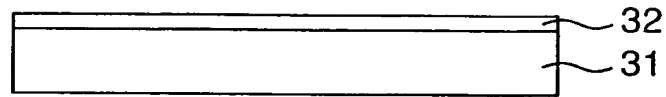


*Fig.17*

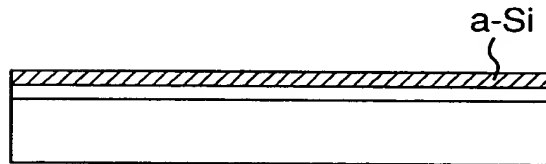




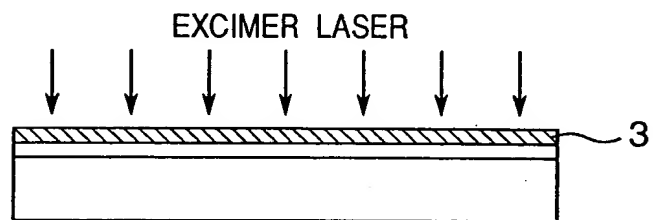
*Fig. 18A*



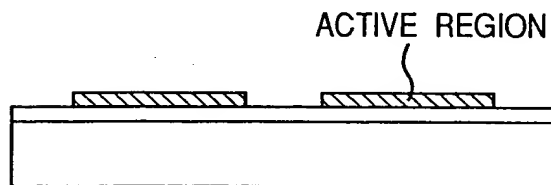
*Fig. 18B*



*Fig. 18C*

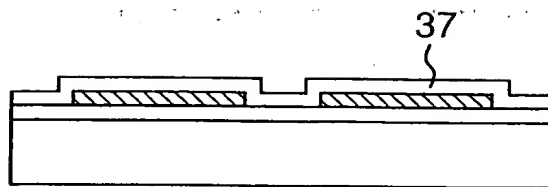


*Fig. 18D*

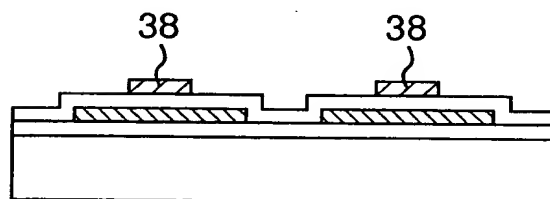




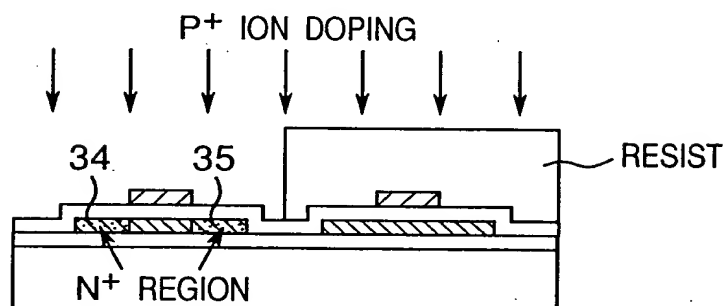
*Fig.18E*



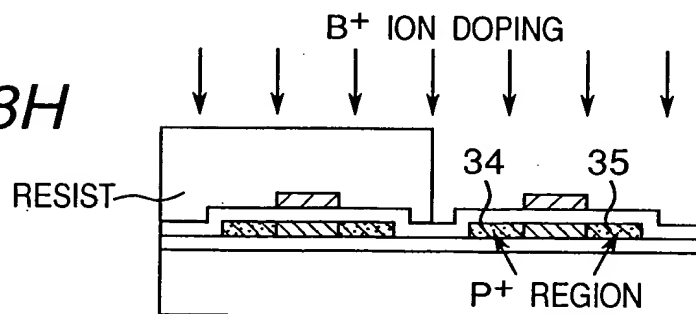
*Fig.18F*



*Fig.18G*

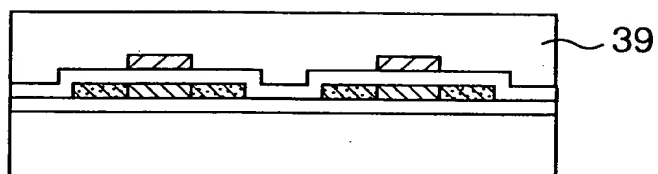


*Fig.18H*

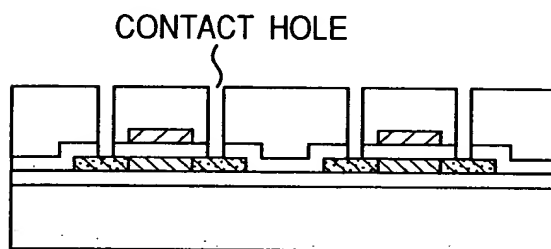




*Fig.18I*



*Fig.18J*



*Fig.18K*

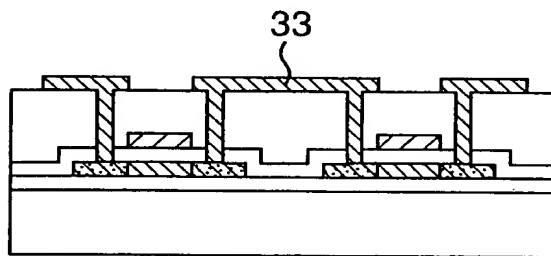
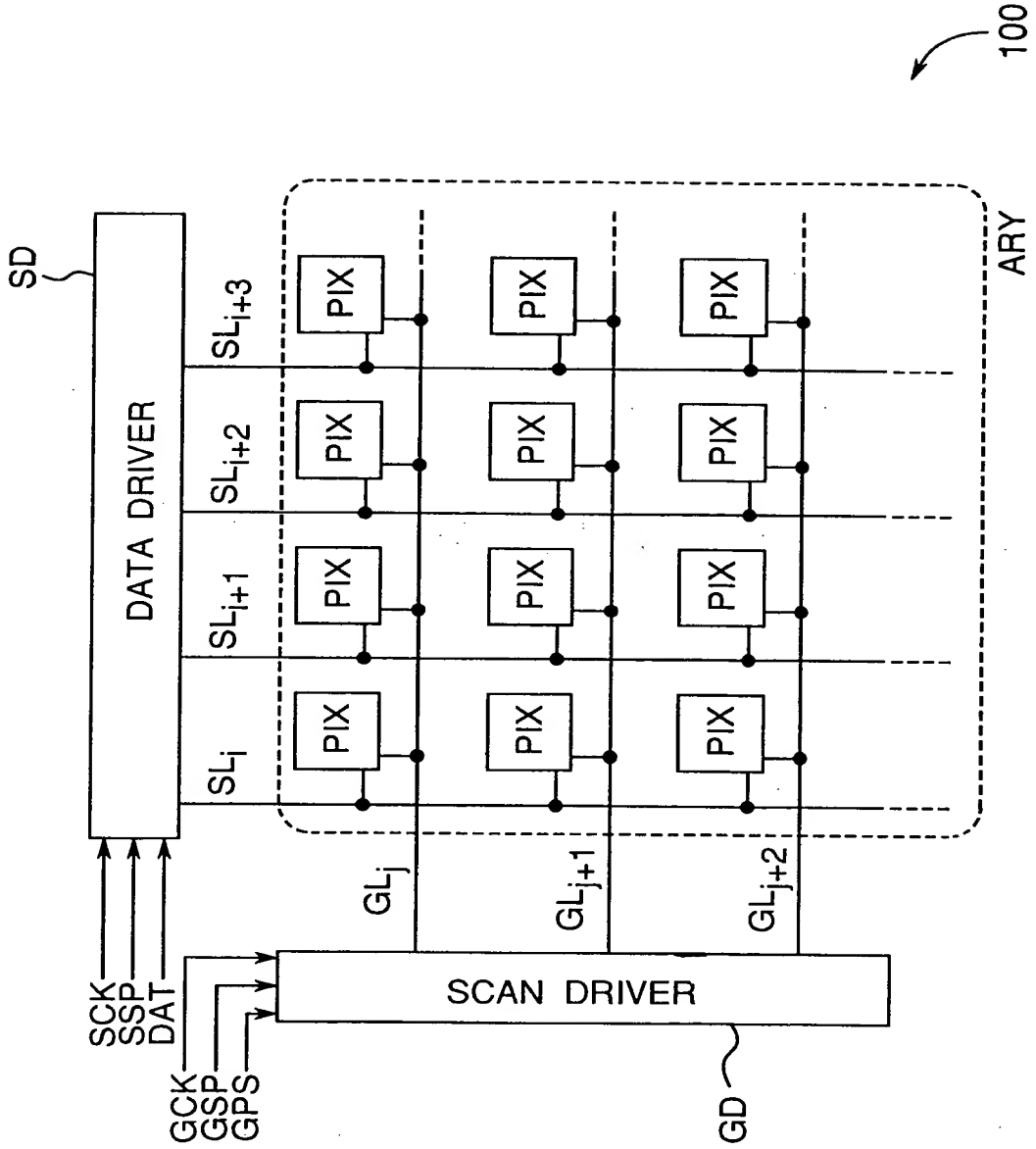






Fig.19 RELATED ART





*Fig.20 RELATED ART*

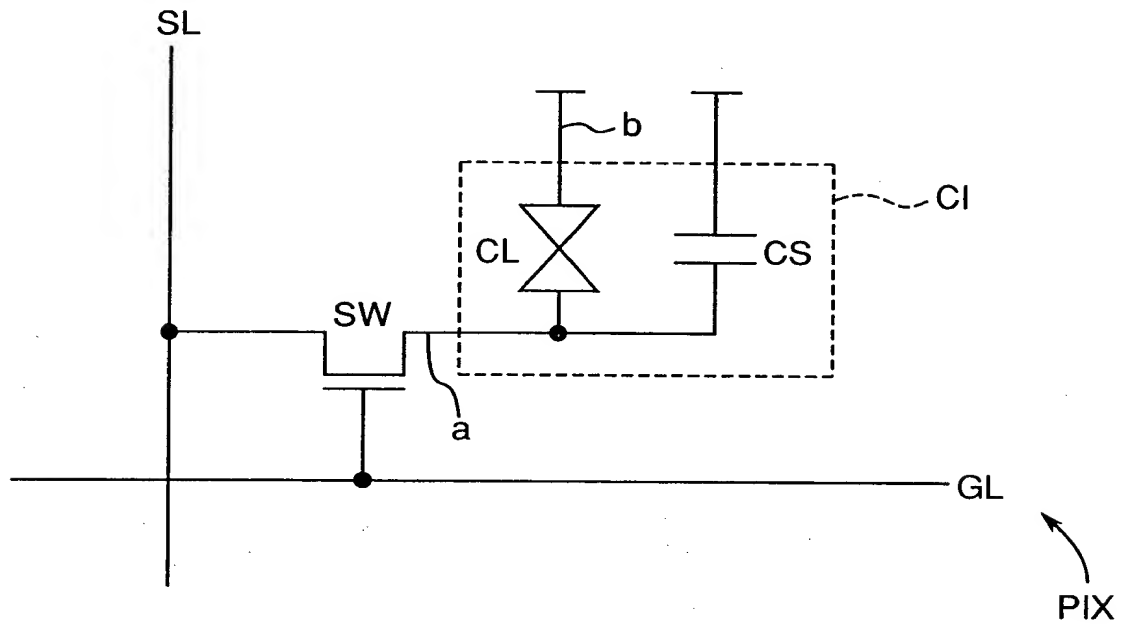
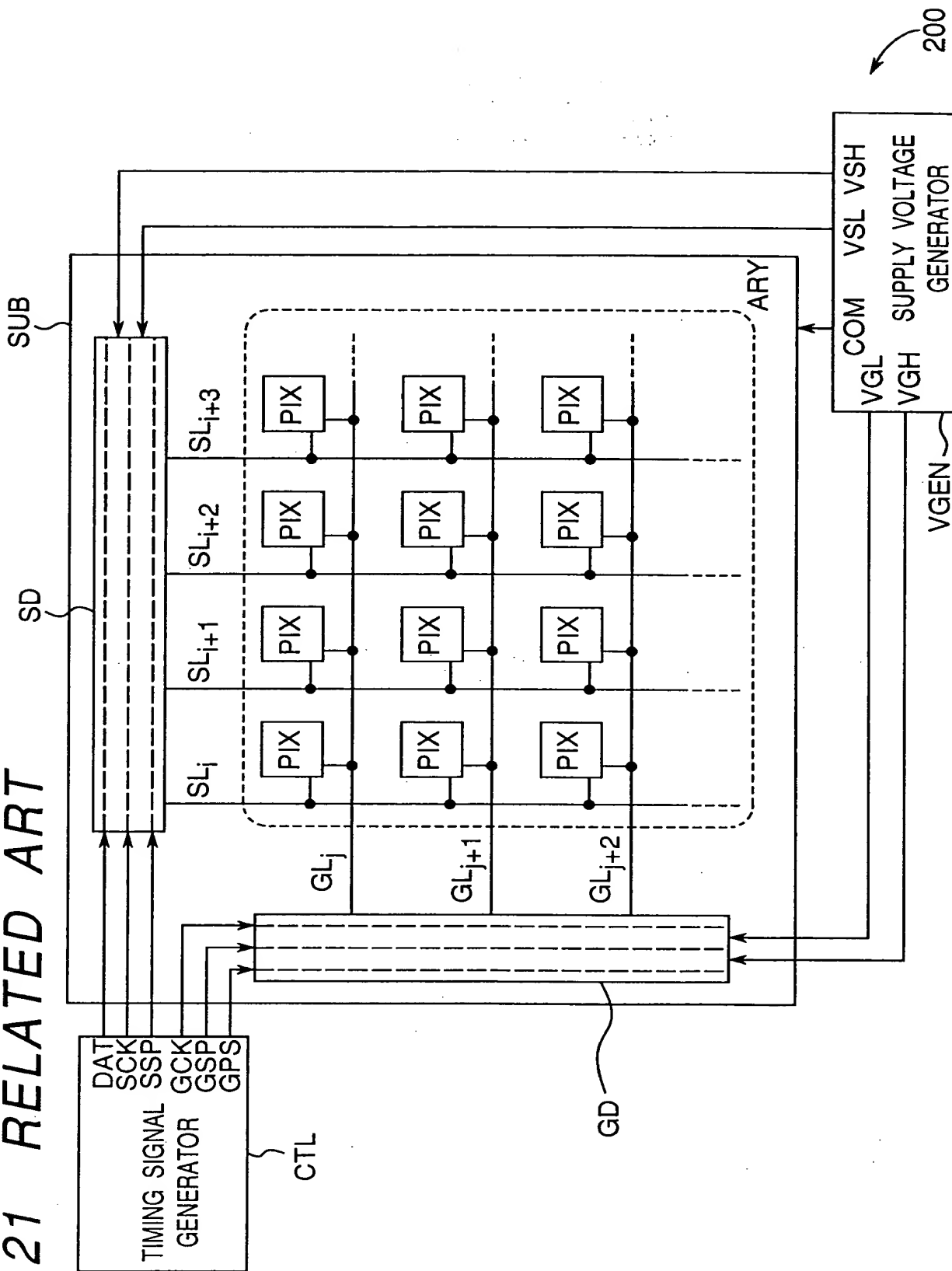


Fig.21 RELATED ART



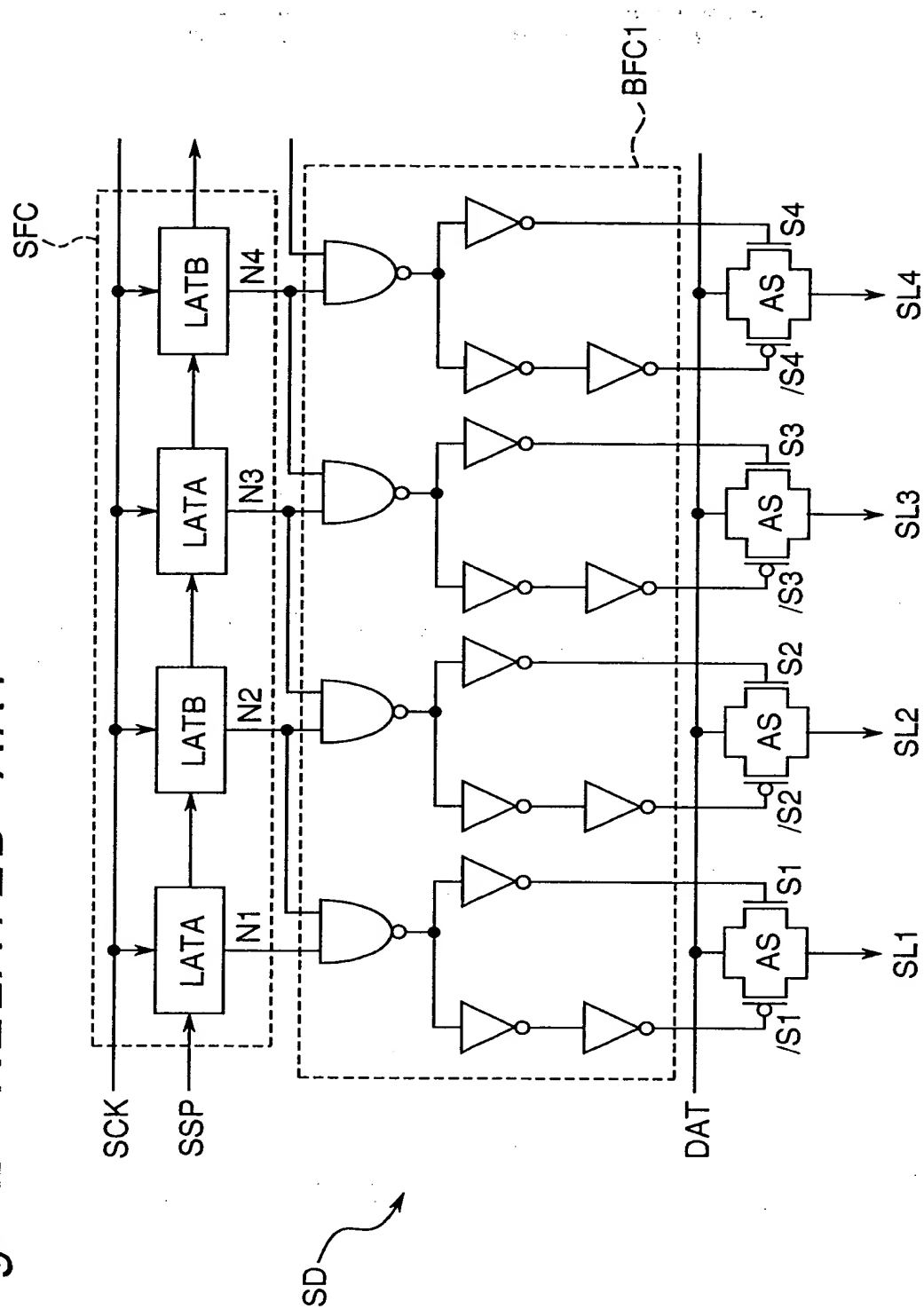




Fig.23 RELATED ART

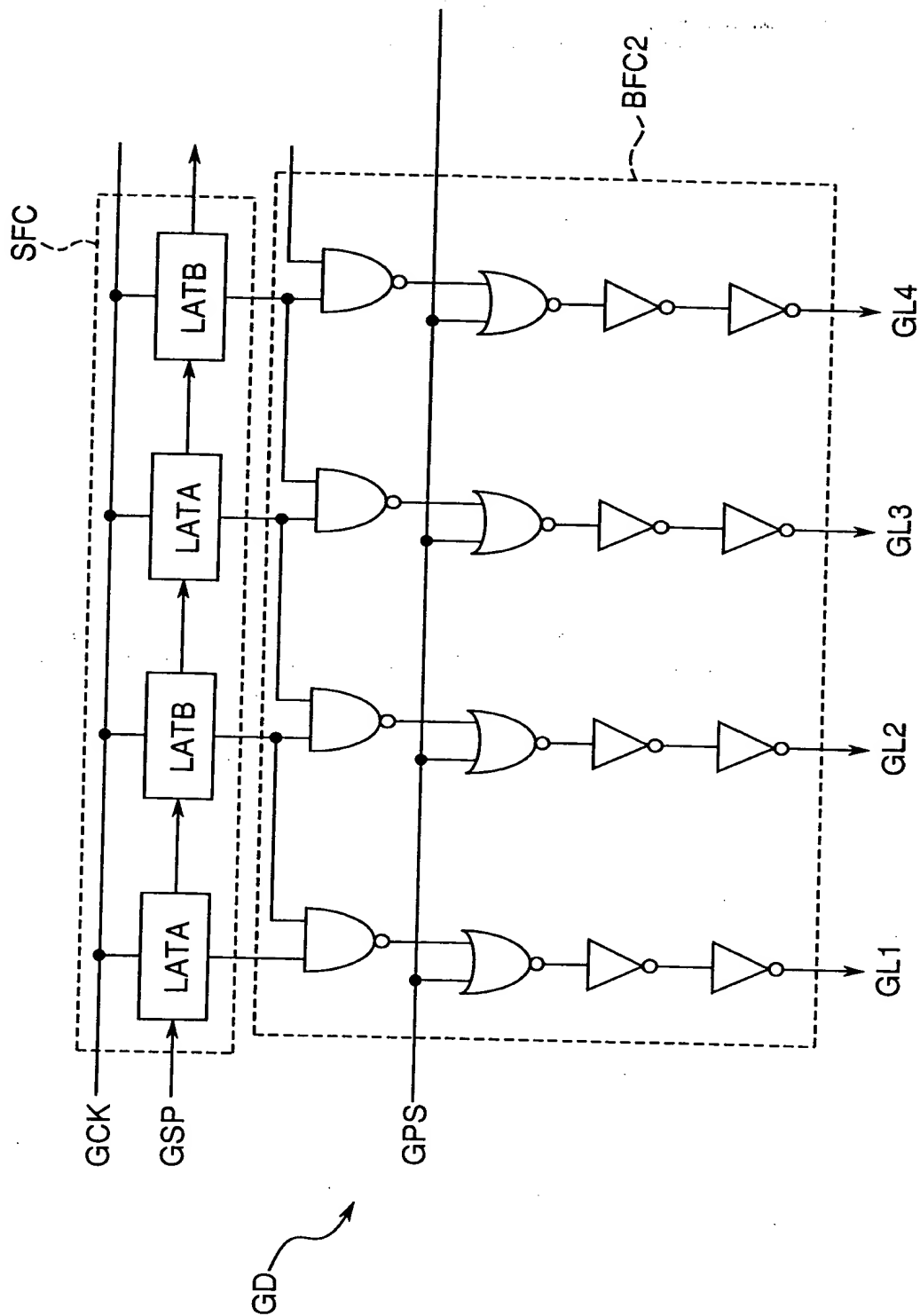




Fig.24 RELATED ART

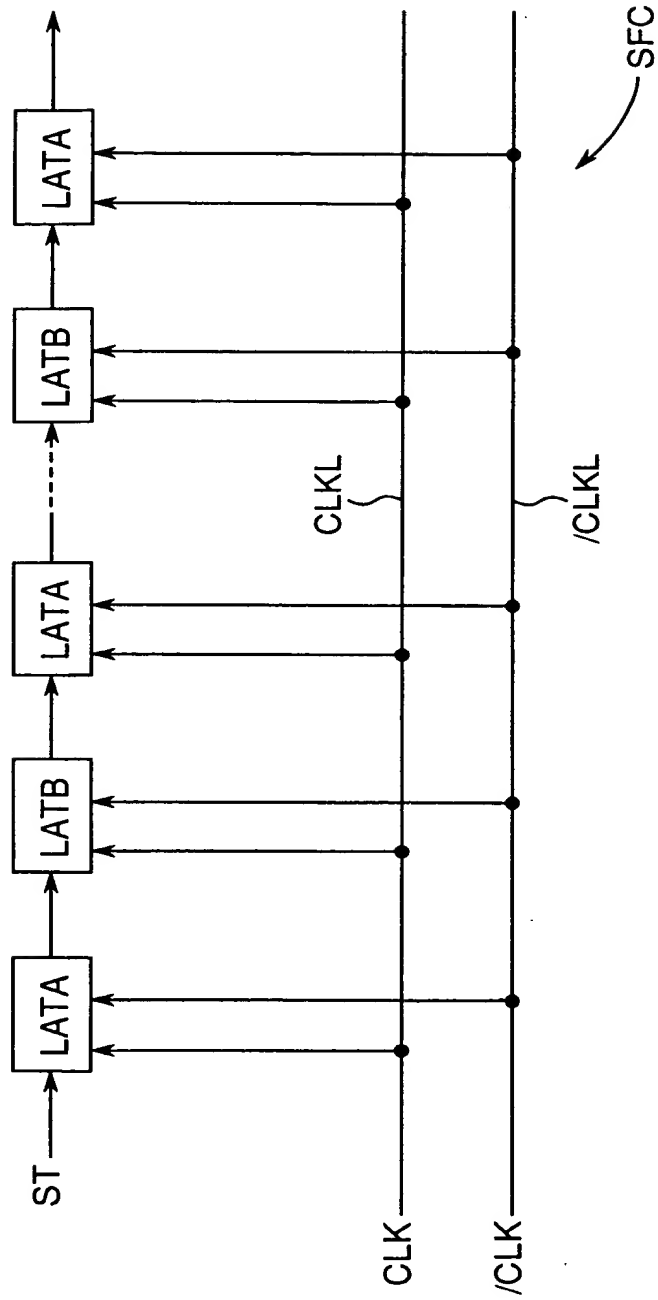




Fig.25A RELATED ART

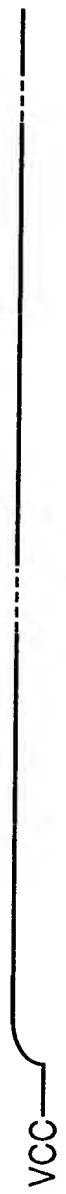
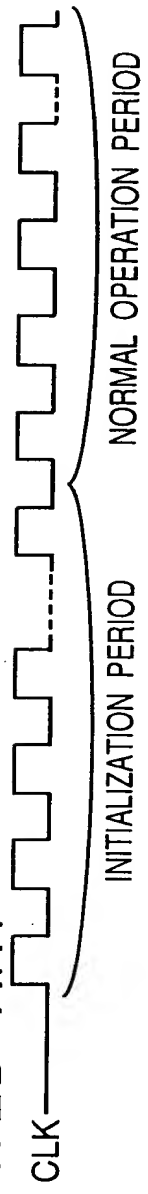
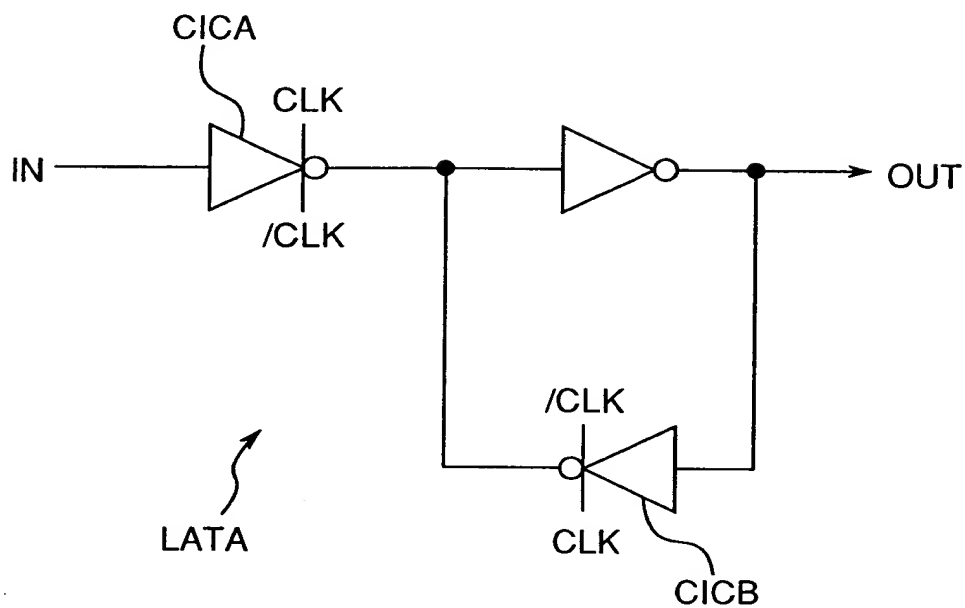


Fig.25B RELATED ART

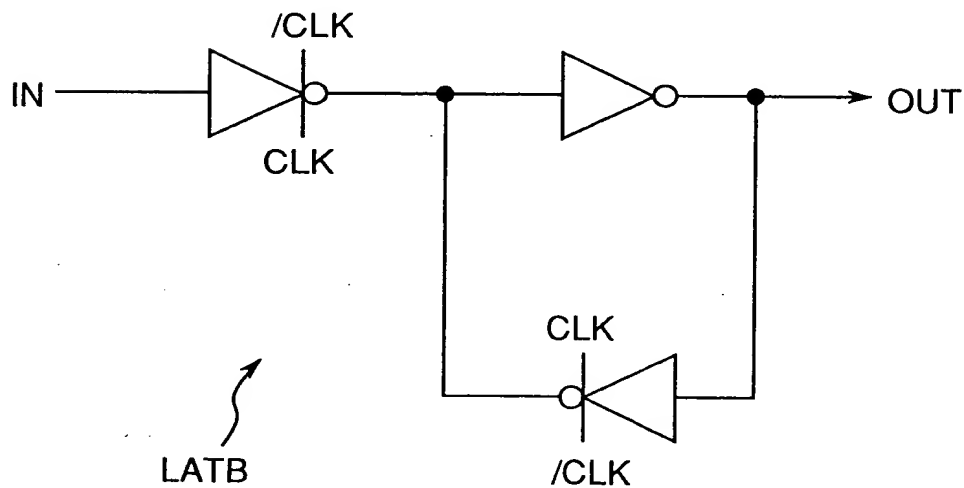




*Fig.26 RELATED ART*



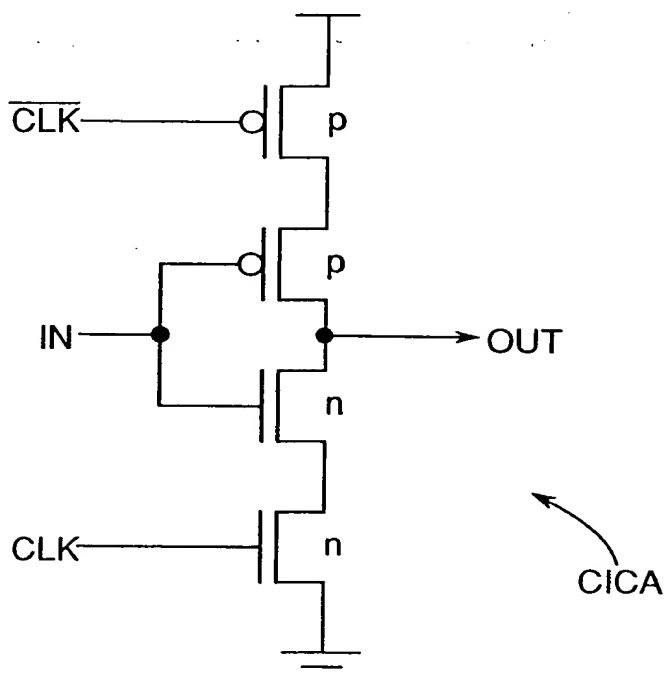
*Fig.27 RELATED ART*







*Fig.28 RELATED ART*



*Fig.29 RELATED ART*

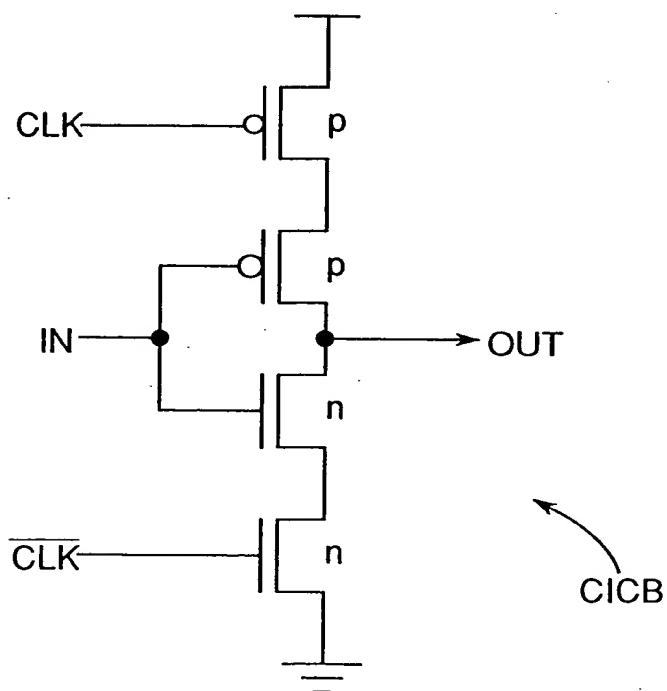




Fig. 30A

HSYNC

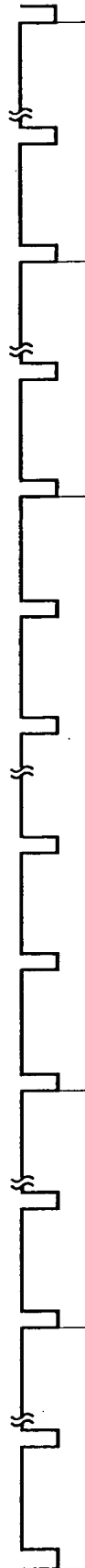


Fig. 30B

SCAN DRIVER START SG.



Fig. 30C

SCAN DRIVER CLOCK



Fig. 30D

DATA DRIVER START SG.



Fig. 30E

DATA DRIVER CLOCK

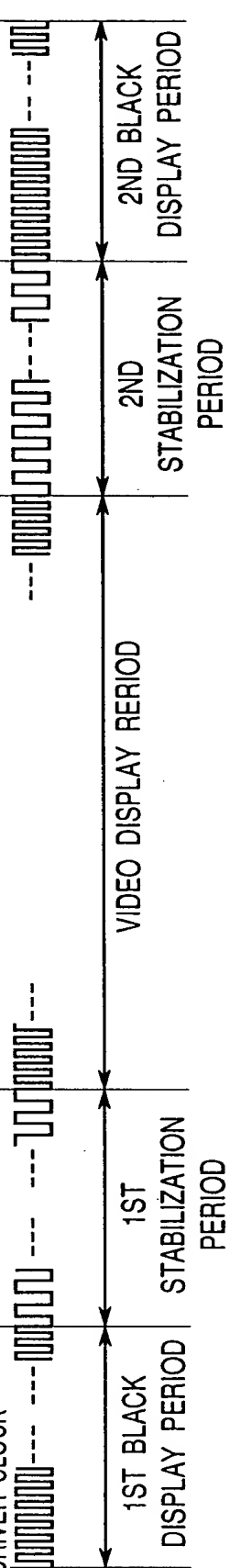




Fig. 31A

HSYNC

Fig. 31B

SCAN DRIVER START SG.

Fig. 31C

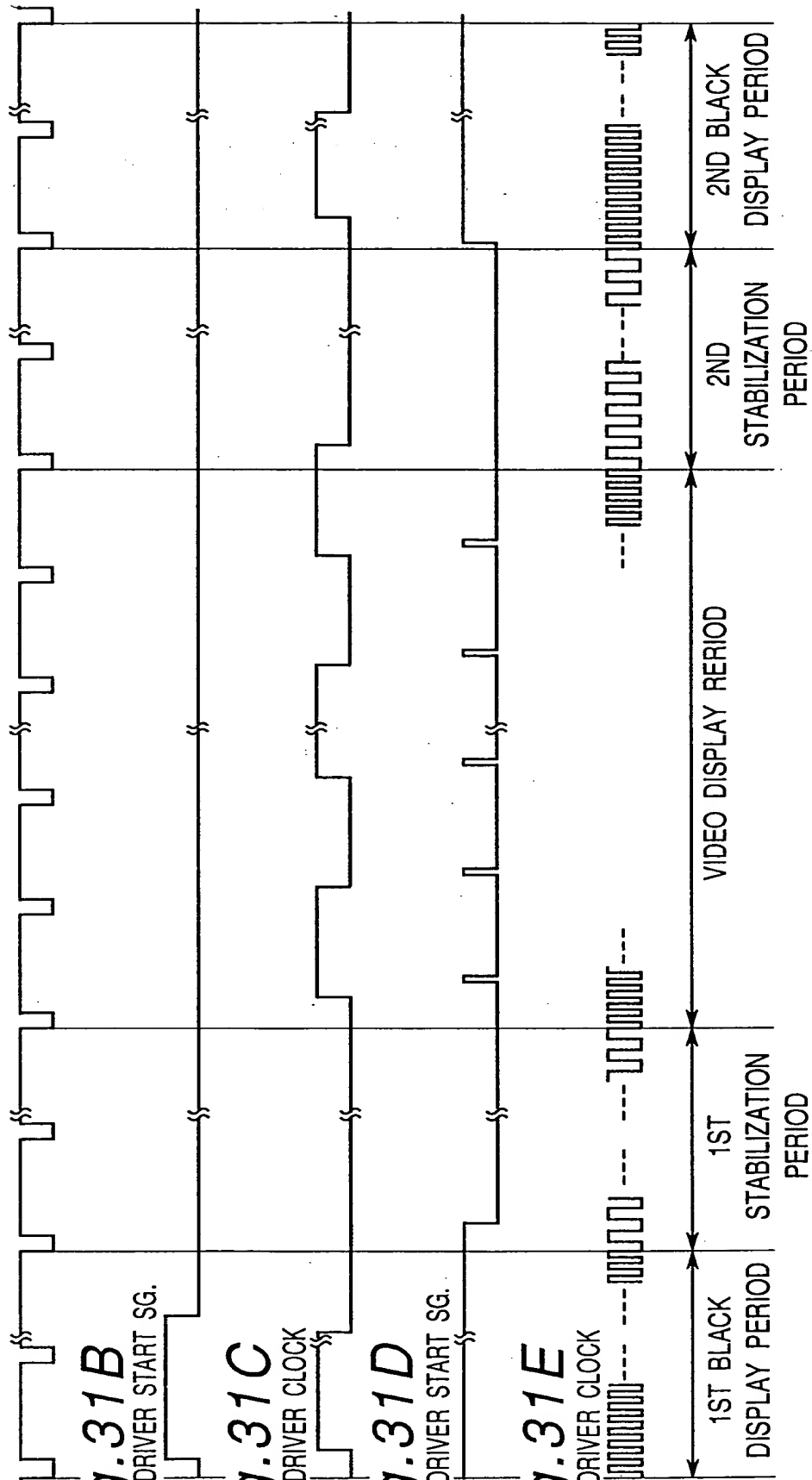
SCAN DRIVER CLOCK

Fig. 31D

DATA DRIVER START SG.

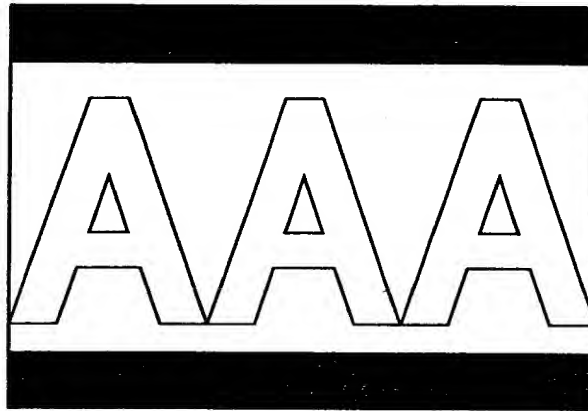
Fig. 31E

DATA DRIVER CLOCK



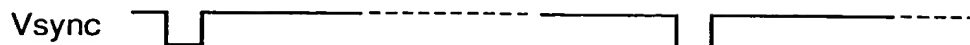


*Fig.32 RELATED ART*

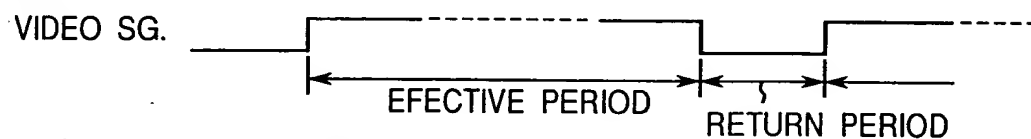




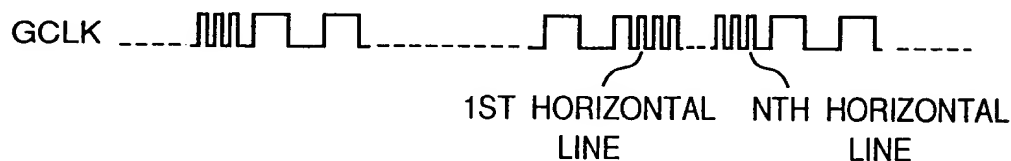
*Fig.33A RELATED ART*



*Fig.33B RELATED ART*



*Fig.33C RELATED ART*



*Fig.34 RELATED ART*

